

Message Text

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FOLLOWING SENT ACTION TO ALL NATO CAPITALS MEXICO TOKYO
WELLINGTON EC BRUSSELS OECD PARIS USUN NEW YORK AUG 28, 1973
FROM SECSTATE REPEATED TO YOU:

QUOTE UNCLASSIFIED STATE 171428

E.O. 11652: N/A

TAGS: SENV, NATO

SUBJ: CCMS: GEOTHERMAL ENERGY PROJECT

REFS: ROME 6576

ROME 6575

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MEXICO 4641

SIMONPIETRI/HODSOL TELECON 8/27/73

1. FOLLOWING ON FROM DISCUSSIONS IN JULY IN ICELAND, FRANCE, AND ITALY AS WELL AS CONTACTS WITH GREEK, PORTUGUESE AND TURKISH OFFICIALS, U.S., AS PILOT COUNTRY, PROPOSES ORGANIZATIONAL MEETING AND STUDY TOUR TO DEVELOP TEXT OF CCMS GEOTHERMAL ENERGY PROJECT TO BE SUBMITTED TO CCMS PLENARY IN BRUSSELS OCTOBER 23-24. IN LIGHT OF INTEREST EXPRESSED IN VISITING U.S. AND MEXICAN GEOTHERMAL SITES AND TIGHT TIME SCHEDULE BETWEEN END AUGUST VACATION PERIOD AND PLENARY, WE PROPOSE THAT MEETING BE HELD IN CALIFORNIA THE FIRST WEEK OF OCTOBER.

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2. PARTICIPANTS WILL BE EXPECTED TO BEAR COST OF TRAVEL TO AND FROM CALIFORNIA AND COSTS OF HOTELS THERE. HOWEVER, US WILL FUND TRANSPORTATION WITHIN CALIFORNIA AND TO AND FROM CERRO PRIETO IN MEXICO IF FIELD TRIP TO MEXICAN GEOTHERMAL SITE CAN BE ARRANGED.

US WILL ALSO MAKE NECESSARY RESERVATIONS FOR HOTEL ACCOMMODATIONS.

3. REQUEST ACTION ADDRESSEES DELIVER FOLLOWING INVITATION FROM THE CHAIRMAN OF THE ATOMIC ENERGY COMMISSION TO APPROPRIATE OFFICIALS OF HOST GOVERNMENTS. (IN THIS RESPECT, USNATO, USUN, ANKARA, ATHENS, LISBON, MEXICO, PARIS, REYKJAVIK, ROME, TOKYO, AND WELLINGTON SEE PARAS. 4-14 BELOW.)

BEGIN TEXT

ON APRIL 10, 1973, THE UNITED STATES PROPOSED THAT A COOPERATIVE INTERNATIONAL PROJECT WITH RESPECT TO THE DEVELOPMENT OF GEOTHERMAL ENERGY BE UNDERTAKEN BY THE NATO COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY (CCMS). RUSSELL E. TRAIN, CHAIRMAN OF THE U.S. COUNCIL ON ENVIRONMENTAL QUALITY AND PRESIDENT NIXON'S REPRESENTATIVE TO CCMS, STATED THAT "FURTHER STUDY IS URGENTLY NEEDED" IN THE GEOTHERMAL AREA.

FOLLOWING ON FROM THIS INITIATIVE, A U.S. TEAM WAS DISPATCHED IN JULY TO ENGAGE IN EXPLORATORY DISCUSSIONS IN SEVERAL EUROPEAN COUNTRIES. A SECOND U.S. TEAM WILL HOLD FURTHER DISCUSSIONS IN OTHER COUNTRIES NEXT MONTH. THE RESULTS OF THE JULY DISCUSSIONS AND OTHER CONTACTS WHICH WE HAVE HAD WITH VARIOUS COUNTRIES INDICATE CONSIDERABLE INTEREST IN COOPERATING IN THIS AREA. IT IS OUR INTENTION TO CIRCULATE BY THE END OF THE FIRST WEEK OF SEPTEMBER OUR PRELIMINARY VIEWS AS TO THE SPECIFIC ASPECTS OF GEOTHERMAL ENERGY DEVELOPMENT CONCERNING WHICH INTERNATIONAL COOPERATION MIGHT BE MOST FRUITFUL. IN ORDER TO DISCUSS THIS MATTER AND DEVELOP A CONCRETE PROJECT PROPOSAL FOR CCMS, THE UNITED STATES WOULD LIKE TO INVITE YOUR COUNTRY'S PARTICIPATION IN A MEETING IN CALIFORNIA OCTOBER 1 THROUGH 5, 1973. THE MEETING WILL BE HOSTED BY THE LAWRENCE LIVERMORE LABORATORY, OPERATED BY THE UNIVERSITY OF CALIFORNIA FOR THE U.S. ATOMIC ENERGY COMMISSION. US PARTICIPATION IN THE MEETING WILL ALSO INCLUDE REPRESENTATIVES OF THE U.S. BUREAU OF RECLAMATION, THE COUNCIL ON ENVIRONMENTAL QUALITY, DEPARTMENT OF DEFENSE, THE ENVIRONMENTAL PROTECTION AGENCY, THE GEOLOGICAL SURVEY AND THE NATIONAL SCIENCE

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FOUNDATION. THE PRELIMINARY SCHEDULE FOR THE MEETING IS AS FOLLOWS:

MONDAY, OCTOBER 1:

BRIEFINGS AND DISCUSSIONS, LIVERMORE, CALIFORNIA.

TUESDAY, OCTOBER 2:

FIELD TRIP TO GEYSERS GEOTHERMAL AREA, GEYSERS, CALIFORNIA.

WEDNESDAY, OCTOBER 3:

FIELD TRIP TO IMPERIAL VALLEY GEOTHERMAL SITES, IMPERIAL VALLEY, CALIFORNIA.

THURSDAY, OCTOBER 4:

WE ARE CURRENTLY DISCUSSING THE POSSIBILITY OF A FIELD TRIP TO THE CERRO PRIETO GEOTHERMAL SITES IN CERRO PRIETO, MEXICO, WITH THE MEXICAN AUTHORITIES.

FRIDAY, OCTOBER 5: FINAL MEETING, SAN DIEGO, CALIFORNIA.

WE SUGGEST THAT PARTICIPANTS PLAN TO ARRIVE IN SAN FRANCISCO, CALIFORNIA, BY 6:00 P.M., SUNDAY, SEPTEMBER 30. WE ARE IN THE PROCESS OF ARRANGING TRANSPORTATION FROM SAN FRANCISCO TO LIVERMORE (APPROXIMATELY ONE HOUR BY ROAD). IN ORDER THAT WE MAY MAKE THE NECESSARY ARRANGEMENTS AND BEGIN DETAILED PLANNING, WE WOULD BE GRATEFUL IF YOU COULD LET THE US EMBASSY IN YOUR COUNTRY KNOW BY SEPTEMBER 12 THE NAMES AND POSITIONS OF THOSE WHO WILL ATTEND THE MEETING.

I THINK GEOTHERMAL ENERGY SOURCES OFFER ENORMOUS POTENTIAL AS AN IMPORTANT FACTOR IN MEETING OUR ENERGY REQUIREMENTS IN THE YEARS AHEAD. NEVERTHELESS, THERE ARE, AS YOU KNOW, MANY TECHNICAL PROBLEMS STILL TO BE RESOLVED. IT WAS OUR OBJECT IN MAKING OUR PROPOSAL IN CCMS TO DEVELOP INTERNATIONAL COOPERATION IN RESOLVING THESE PROBLEMS -- BOTH THROUGH SHARING INFORMATION AS TO DEVELOPMENTS IN OUR RESPECTIVE COUNTRIES AND THROUGH DEMONSTRATIONS AND ASSESSMENTS OF THE TECHNOLOGIES INVOLVED.

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WE VERY MUCH LOOK FORWARD TO YOUR COUNTRY'S PARTICIPATION IN THE CALIFORNIA MEETING.

YOURS SINCERELY,
DIXY LEE RAY,
CHAIRMAN, ATOMIC ENERGY COMMISSION.

END TEXT.

3. FOR NON-NATO ADDRESSEES:

NON-NATO INVITEES SHOULD BE TOLD ORALLY THAT WE VERY MUCH ENCOURAGE THEIR PARTICIPATION AT OUR INITIAL MEETING. ALTHOUGH TECHNICALLY NON-NATO COUNTRIES CAN ONLY PARTICIPATE IN CCMS PROJECTS FOLLOWING SILENT CONSENT OF NATO MEMBERS, IT IS OUR INTENTION, ONCE PROJECT OFFICIALLY APPROVED BY CCMS (HOPEFULLY AT OCTOBER 23-24 PLENARY), TO INITIATE SILENT CONSENT PROCEDURE FOR ACTIVE PARTICIPATION BY MEXICO, JAPAN, AND NEW ZEALAND. FOR THIS REASON, WE WOULD VERY MUCH LIKE REPRESENTATION FROM THE NON-NATO COUNTRIES NAMED SO THAT THEY MAY HAVE AN INPUT TO THE INITIAL PROJECT PROPOSAL. WE WILL ALSO INITIATE SILENT CONSENT PROCEDURE FOR EC, OECD, AND UN, AND WOULD WELCOME OBSERVERS FROM

THOSE ORGANIZATIONS AT THE INITIAL MEETING.

4. FOR USNATO:

REQUEST MISSION CIRCULATE INVITATION TO ALL PERMREPS FOR TRANSMITTAL TO HOVE GOVERNMENTS. ALSO REQUEST MISSION PARTICULARLY URGE PARTICIPATION BY CANADA, FRANCE, GREECE, ICELAND, ITALY, PORTUGAL, AND TURKEY. MISSION MAY AT ITS DISCRETION EXTEND INVITATION TO ASSISTANT SEC GEN OZDAS.

5. FOR REYKJAVIK:

AS EMBASSY AWARE, INVITATION SHOULD IN FIRST INSTANCE BE EXTENDED TO MINISTER OF INDUSTRY. HOWEVER, WE WOULD SUGGEST THAT COPIES BE GIVEN SIMULTANEOUSLY TO STEINGRIMUR HERMANNSSON (DIRECTOR OF NATIONAL RESEARCH COUNCIL) AND GUDMUNDUR PALMASSON (HEAD OF THE DEPARTMENT OF NATURAL HEAT, NATIONAL ENERGY AUTHORITY).

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6. FOR PARIS:

AS REPORTED REFTELS, M. SANGNIER, DIRECTOR, DELEGATION GENERALE A LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE, 35 RUE SAINT DOMINIQUE, IS OFFICIAL FRENCH CONTACT FOR PROPOSED CCMS PROJECT. HOWEVER, SUGGEST THAT PROF. JEAN GOGUEL (VICE-PRESIDENT BRGM) ALSO BE GIVEN COPY.

7. FOR ROME:

AS NOTED REFTELS, PROFESSOR ENGINEER TEO LEARDINI, DIRECTOR OF ENEL CENTER FOR STUDIES AND RESEARCH, WILL BE ITALIAN CONTACT POINT UNDER ENEL PRESIDENT ANGELINI FOR GEOTHERMAL PROJECT. SUGGEST EMBASSY DELIVER INVITATION TO BOTH ANGELINI AND LEARDINI. EMBASSY MAY ALSO, AT ITS DISCRETION, WISH TO INFORM DR. PIETRO CERON OF PISA RESEARCH CENTER ENEL AND PROFESSOR L. TONGIORGI OF INTERNATIONAL INSTITUTE FOR GEOTHERMAL RESEARCH IN PISA.

8. FOR ATHENS:

SUGGEST INVITATION BE ISSUED TO P.E. GOUNARIS (PUBLIC POWER CORPORATION).

9. FOR ANKARA:

SUGGEST INVITATION BE ISSUED TO APPROPRIATE OFFICIALS STATE ELECTRIC POWER COMPANY (TEK), SCIENTIFIC AND RESEARCH AGENCY (TUBITAK) AND MINERALS RESEARCH AND EXPLORATION INSTITUTE (MTA).

10. FOR LISBON: SUGGEST INVITATION BE ISSUED TO ANTONIO SILVA DE SOUSA (NATIONAL RESEARCH BOARD VP) AND AT EMBASSY'S DISCRETION, HEAD OF NATIONAL CIVIL ENGINEERING LABORATORY MANUEL ROCHA.

11. FOR TOKYO:

IN ADDITION TO APPROPRIATE MINISTRY OFFICIAL(S), PERHAPS MITI AND JAPANESE GEOLOGICAL SURVEY, SUGGEST EMBASSY ISSUE INVITATION TO H. IGA, MANAGING DIRECTOR, JAPAN GEOTHERMAL ENERGY SOCIETY (DENKI KYOKAI BUILDING, 1-3 YURAKU-CHO, CHIYODAKU, TOKYO) AND PROFESSOR MASAMI HAYAKAWA, COLLEGE OF MARINE SCIENCES AND TECHNOLOGY, TOKAI UNIVERSITY, ORIDO, SHIMIZU-SHI, SHIZUOKO-KEN.
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12. FOR WELLINGTON:

IN ADDITION TO APPROPRIATE MINISTRY OFFICIAL(S), SUGGEST INVITATION BE ISSUED TO R.F. BOLTON, GEOTHERMAL ENGINEER, MINISTRY OF WORKS, WELLINGTON, AND A.J. ELLIS, DIRECTOR OF THE CHEMISTRY DIVISION, DSIR, PRIVATE BAG, PETONE.

13. FOR MEXICO:

SUGGEST INVITATION BE ISSUED TO ING. JORGE GUIZA, CHIEF OF THE DEPARTMENT OF GEOTHERMIC RESOURCES, COMMISSION FEDERAL DE ELECTRICIDAD (CFE) AND ING. JUAN EIBENSCHUTZ, ASSISTANT TO CFE DIRECTOR GENERAL, AS WELL AS CFE DIRECTOR GENERAL HIMSELF IF THAT THOUGHT APPROPRIATE. ALSO, PER SIMONPIETRI/HODSOLL TELCON 8/27, REQUEST EMBASSY TOUCH BASE AS NECESSARY WITH APPROPRIATE GOM OFFICIALS TO ASSURE NO DIFFICULTY WITH VISIT OCTOBER 4 TO CERRO PRIETO. PLEASE REPORT ASAP ON LATTER SO THAT DETAILED AGENDA CAN BE FIRMED UP.

14. FOR USUN:

SUGGEST ISSUE INVITATION TO GRESFORD, ACTING CHIEF RESOURCES AND TRANSPORT DIVISION. G.V. SUBBA-RAO AND TSVI MEIDAV OF HIS DIVISION ARE CONSIDERED PARTICULARLY QUALIFIED UN PERSONNEL BY US EXPERTS. MISSION MAY ALOS WITH TO INVITE JOSEPH BARNEA. RUSH
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